



Preface

This issue contains the proceedings of the First Workshop in Information and Computer Security (ICS'2006). The workshop was held in Timișoara, Romania, on September 30, 2006, in conjunction with the 8th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC'2006) which was held between September 26-29, 2006. The hosting institutions were the West University Timișoara, and the Institute e-Austria Timișoara.

The workshop was intended as a continuation of the NATO ASI workshop in Verification of Infinite State Systems with Applications in Security (VISSAS'2005, Timișoara, March 17-22 2005), and of the security tracks at two previous workshops in Computer-Aided Verification of Information Systems (CAVIS '2004 and CAVIS'2005), also hosted in Timișoara in conjunction with the SYNASC symposiums. The main topics of the workshop were on formal methods in security (with focus on decidability and complexity language-based security, security models, security protocols and security verification), on security policies and services (with focus on Security policies and services authentication, anonymity and privacy, electronic voting, information flow, intrusion detection, resource usage control, security for mobile computing, trust management) and on cryptology, especially on work that can help build bridges between cryptology and the other two tracks.

The Programme Committee of ICS'2006 consisted of:

- Alessandro Armando (University of Genova, Italy)
- David Basin (ETH Zürich, Switzerland)
- Danièle Beaquier (University of Paris 12, France)
- Cătălin Dima (University of Paris 12, France)
- Michael Fisher (University of Liverpool, UK)
- Gabriel Ciobanu (Romanian Academy, Institute of Computer Science)
- Juan Garay (Bell Labs, USA)
- Sigi Guergens (Fraunhofer SIT, Germany)
- Steve Kremer (INRIA & ENS Cachan, France)
- Ruggero Lanotte (University of Insubria, Como, Italy)

- Marius Minea (Institute e-Austria Timisoara, Romania)
- Rene Peralta (NIST, USA)
- Ferucio Laurențiu Țiplea (University of Iasi, Romania and University of Central Florida, USA)
- Luca Viganò (ETH Zürich, Switzerland)

The invited speakers at the workshop were:

- Clare Dixon, University of Liverpool, UK, who presented recent results on modeling security properties in temporal logics of knowledge.
- Fabio Martinelli, Istituto di Informatica e Telematica, CNR Pisa, Italy, who presented recent results in the specification and analysis of trust in complex and dynamic scenarios.

The reviewing process was very selective, the PC received 19 submissions of which 6 were accepted. The contributions cover the topics of conflict management in access control models, new secret sharing schemes (two papers), relationship between computational and symbolic models of security protocols (two papers), and synthesis of controllers for enforcing information flow properties. These proceedings contain the two invited contributions and the six accepted papers.

We would like to thank the Institute e-Austria and the West University of Timișoara, Université Paris 12 and the University of Iași for their support in organizing this workshop. Many thanks go also to the program committee of SYNASC'2006:

- Tudor Jebelean (Johannes Kepler University, Linz),
- Viorel Negru (West University of Timisoara)

and the organizing committee of SYNASC'2006, led by:

- Dana Petcu (West University of Timisoara)
- Daniela Zaharie (West University of Timisoara)

and the conference volunteers, too numerous to list here.

*Cătălin Dima
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April 27, 2007*